

Figure 1

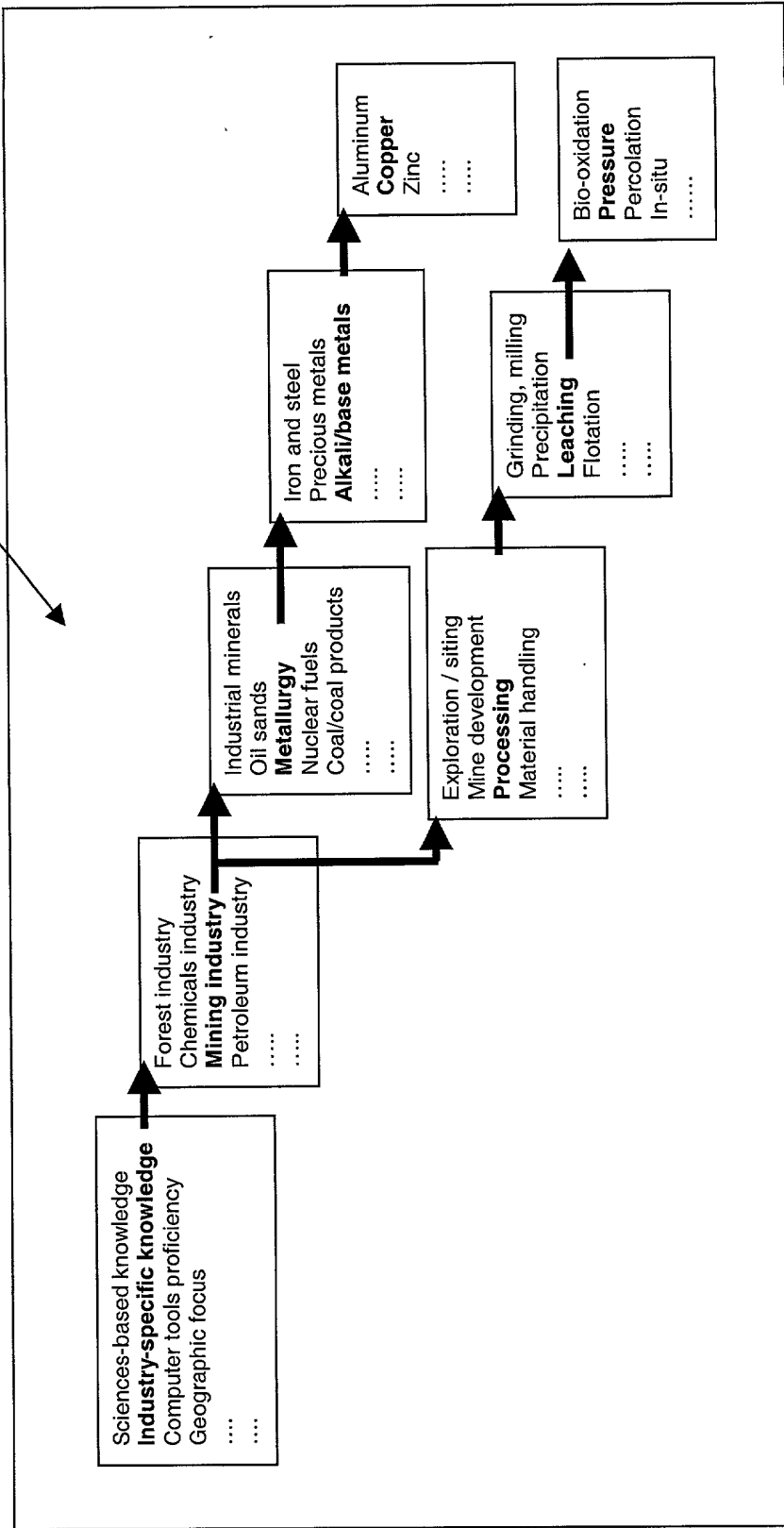


Figure 2A

14, 18, 52, 56

14, 18, 52, 56

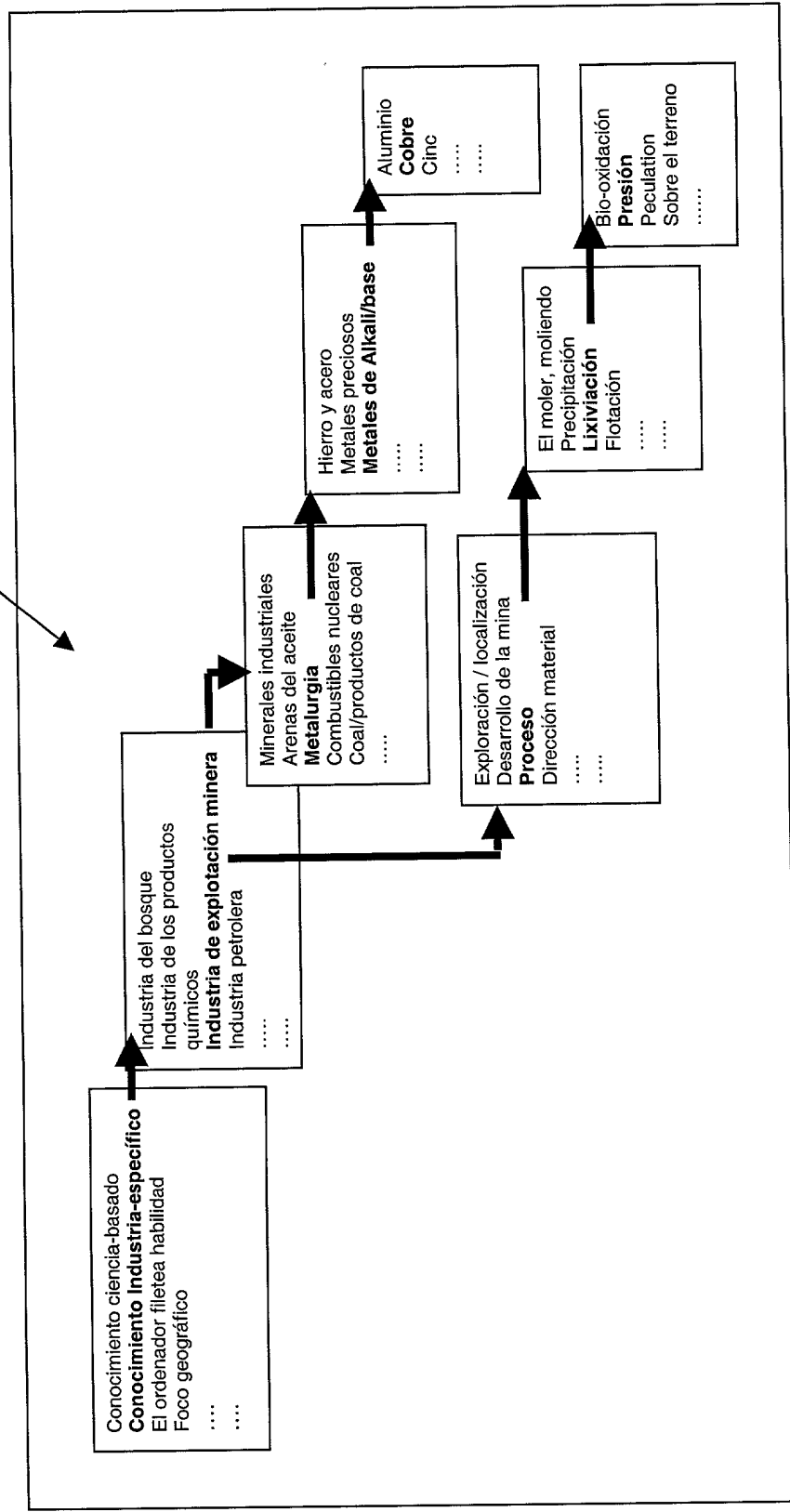


Figure 2B

## Characterization Summary

mine planning  
geology *associated with* ore bodies  
feasibility studies  
metallurgical testing  
process evaluation *associated with* mining and minerals industry

### Identify Next Attribute or Requirement:

pressure leaching

industry-specific knowledge > mining industry > processing > leaching > pressure

science-based knowledge > physical chemistry > leaching

### Associate with (word or phrase) [if any]:

autoclaves

medical and dental equipment > medical or laboratory sterilizers > autoclave

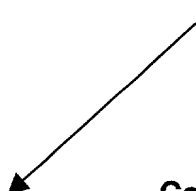
industrial process equipment > liquid-solid processes > autoclave

NEXT

Figure 3

### Figure 4

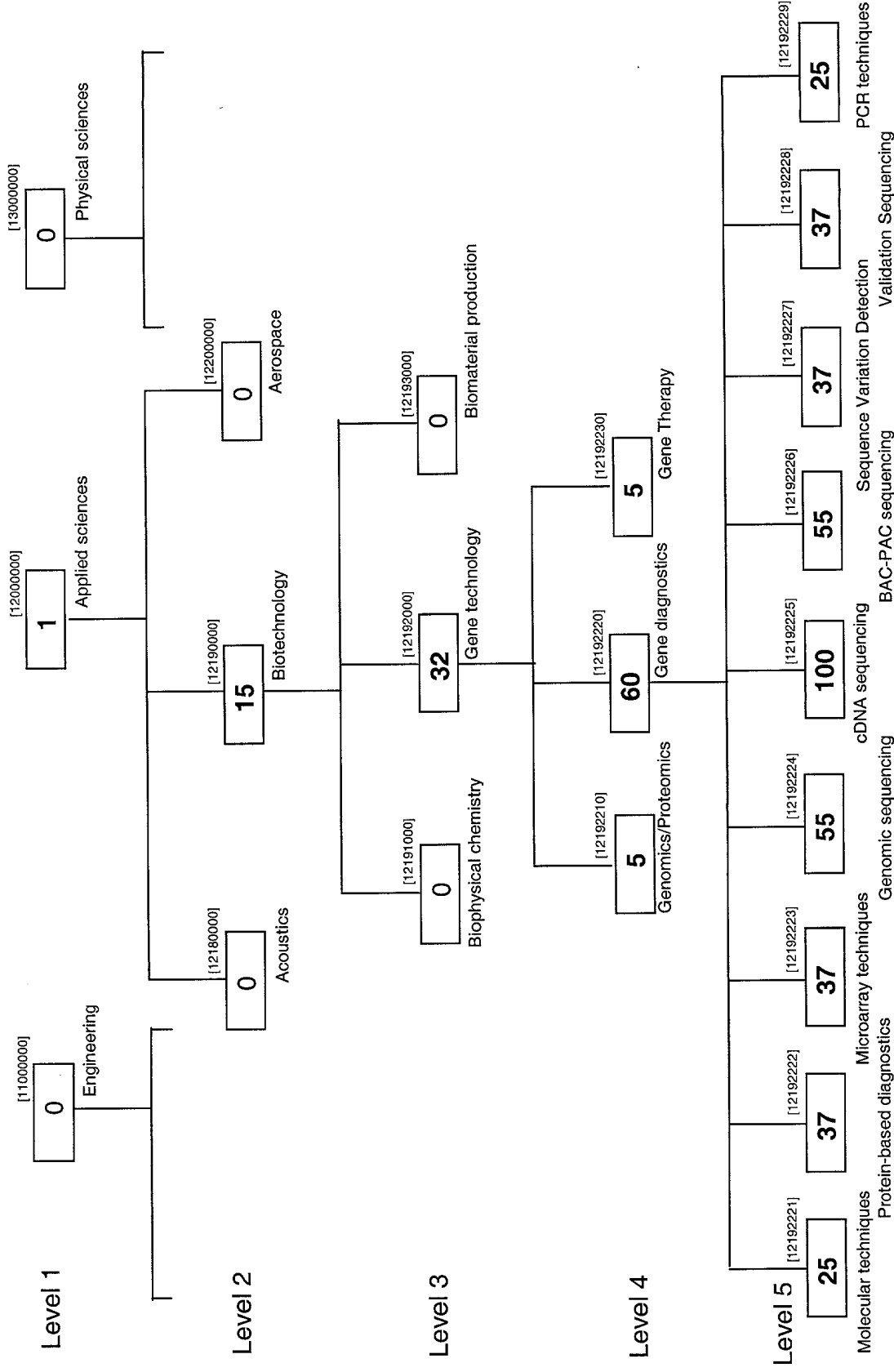
48



<u>Requirements:</u>	Candidate <u>#1</u>	Candidate <u>#2</u>
Select:	<input type="checkbox"/>	<input type="checkbox"/>
Mining and metallurgy industry knowledge	100	100
End-product: Copper	15	8
Processes: smelter	0	70
casting, drawing or forming	8	8
Project phase: Basic engineering	30	100
Scope of services: Engineering only	100	100
Services focus area: Mechanical engineering	100	100
Chemical engineering	100	30
Mining engineering	100	100
Area of expertise: Processing facilities	100	50
Core skills: Manufacturing engineering	0	0
Simulation and modeling	50	100
Operations research	12	0
Intergraph PDS	22	8
Licensed in Mechanical Eng. in New Mexico	100	0
Can do business in English	100	100
OVERALL MATCH =	55.6 %	54.8 %
Click here to review Candidate's credentials:	<input type="checkbox"/>	<input type="checkbox"/>

Figure 5

Figure 6: A hierarchical tree diagram showing the classification of scientific disciplines across five levels. The tree starts with Level 1 (Engineering, Applied sciences, Physical sciences) and branches down to Level 5 (Molecular techniques, Protein-based diagnostics, Microarray techniques, Genomic sequencing, cDNA sequencing, BAC-PAC sequencing, Sequence Variation Detection, Validation Sequencing, PCR techniques). Each node contains a numerical value and a bracketed code.



**Figure 6**

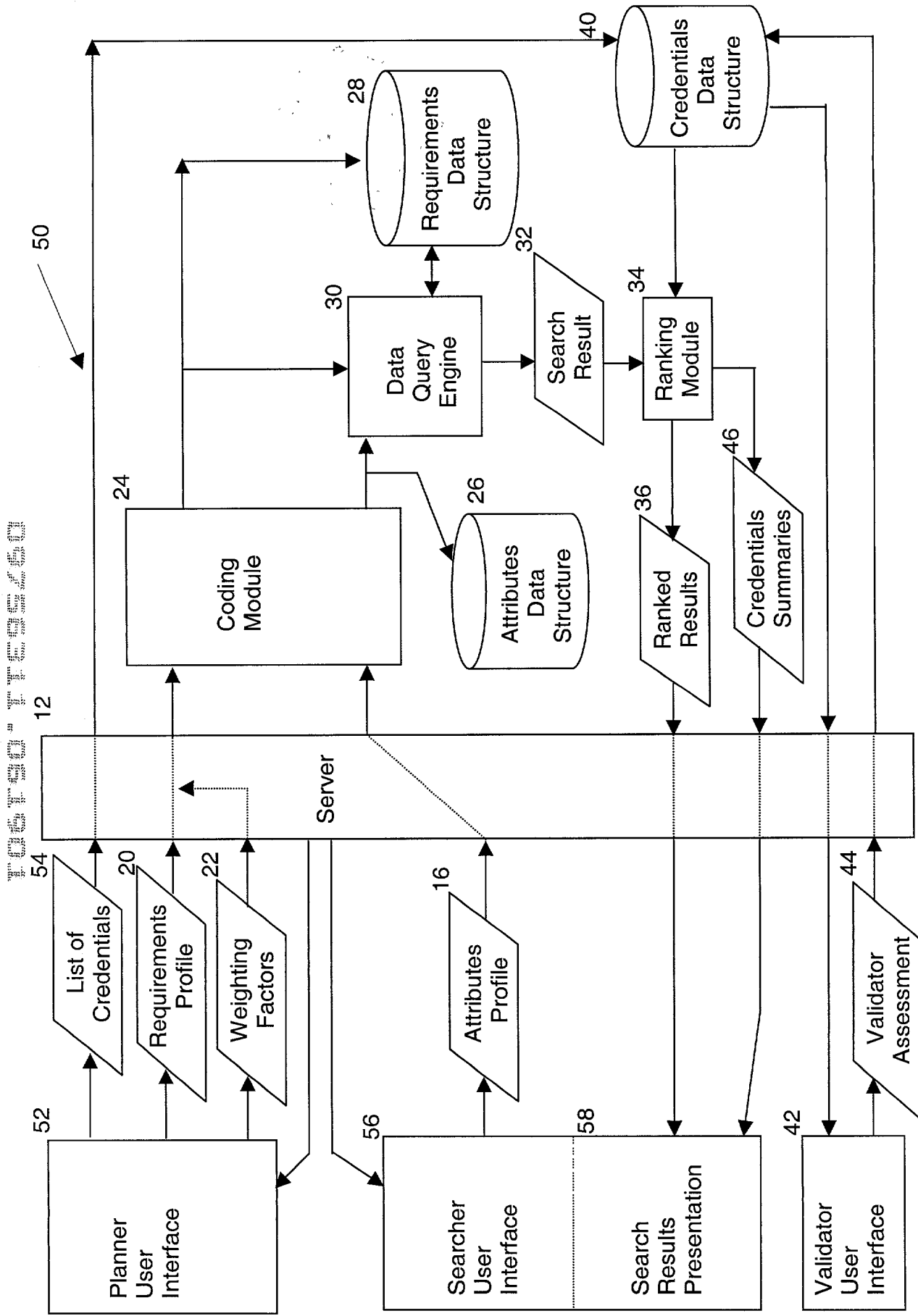


Figure 7